AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) ~~An earth~~ A ground connection structure comprising:

a substrate, on whose surface ~~earth~~ a ground is formed;

~~an earth~~ a ground connecting member which is connected to said ~~earth~~ ground; and

a compensating member which compensates for an area of said ~~earth~~ ground and is joined to said substrate such that said ~~earth~~ ground connecting member is sandwiched between said compensating member and said substrate, and

wherein said ~~earth~~ ground connecting member ~~has elasticity, contacts~~ extends from said substrate toward said compensating member to resiliently contact said compensating member by being sandwiched between said substrate and said compensating member, and electrically connects said ~~earth~~ ground with said compensating member in a low impedance state.

2. (Currently Amended) The ~~earth~~ ground connection structure according to claim 1, wherein said ~~earth~~ ground connecting member comprises:

a base which is connected to said ~~earth~~ ground; and

a spacer which is arranged on said base and has elasticity.

3. (Currently Amended) The ~~earth~~ ground connection structure according to claim 2, wherein:

said substrate has at least one through-hole for fixing said ~~earth~~ ground connecting member on said substrate; and

said base includes at least one lead, which is inserted into the at least one through-hole and connected to said ~~earth~~ ground.

4. (Currently Amended) The ~~earth~~ ground connection structure according to claim 3, wherein

said at least one lead has elasticity and a protruding portion for fixing said ~~earth~~ ground connecting member onto said substrate.

5. (Currently Amended) The ~~earth~~ ground connection structure according to claim 2, wherein

said base has at least one lead having a margin, left for being connected to said ~~earth~~ ground and formed in parallel with surface of said ~~earth~~ ground.

6. (Currently Amended) The ~~earth~~ ground connection structure according to claim 2, wherein

said spacer includes a plate spring.

7. (Currently Amended) The ~~earth~~ ground connection structure according to claim 2, wherein

said spacer includes a coil spring.

8. (Currently Amended) An ~~earth~~ ground connecting member, which is arranged between a substrate and a compensating member which compensates for an area of ~~the earth~~ a ground formed on said substrate, and which electrically connects said ~~earth~~ ground and said compensating member, and said ~~earth~~ ground connecting member comprising:

a base which is connected to said ~~earth~~ ground; and

a spacer which is arranged on said base and has elasticity, and

wherein said spacer is in contact with said compensating member, in a state where said ~~earth~~ ground connecting member is sandwiched between said substrate and said compensating member, and electrically connects said ~~earth~~ ground and said compensating member in a low impedance state.

9. (Currently Amended) The ~~earth~~ ground connecting member according to claim 8, wherein:

said substrate has at least one through-hole for fixing said ~~earth~~ ground connecting member onto said substrate;

said base has at least one lead to be inserted into the at least one through-hole; and

said at least one lead has elasticity and a protruding portion for fixing said ~~earth~~ ground connecting member onto said substrate.

10. (Currently Amended) The ~~earth~~ ground connecting member according to claim 8, wherein

said base has at least one lead having a margin, left for being connected to said ~~earth~~ ground and being in parallel with surface of said ~~earth~~ ground.

11. (Currently Amended) The ~~earth~~ ground connecting member according to claim 8, wherein

said spacer includes a plate spring.

12. (Currently Amended) The ~~earth~~ ground connecting member according to claim 8, wherein

said spacer includes a coil spring.

13. (Currently Amended) An ~~earth~~ ground connection method comprising:

connecting ~~an earth~~ a ground connecting member having elasticity and conductivity, to ~~earth~~ a ground formed on a substrate; and

arranging a compensating member for compensating for an area of ~~the earth~~ said ground, on said substrate such that said ~~earth~~ ground connecting member extends from said substrate toward said compensating member to resiliently contact said compensating member and is sandwiched between the compensating member and said substrate, thereby electrically connecting said ~~earth~~ ground and said compensating member via said ~~earth~~ ground connecting member in a low impedance state.

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14. (New) The ground connection structure according to claim 2, wherein said compensating member is contacted directly by said spacer.

15. (New) The ground connection structure according to claim 1, wherein

said ground connecting member comprises a base section and a spacer;

a plurality of leads project from said base section toward said substrate, and are electrically connected to said ground; and

said spacer is arranged between, and electrically connects, said base section and said compensating member, and has elasticity.

16. (New) The ground connection structure according to claim 15, wherein:

said base section comprises a generally planar portion extending generally in parallel to said substrate; and

said plurality of leads project orthogonally from said generally planar portion.

17. (New) The ground connection structure according to claim 15, wherein:

said substrate further comprises through holes;

said ground is arranged on a side of said substrate opposite to said compensating member; and

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said plurality of leads pass through said through holes to be electrically connected to said ground.

18. (New) The ground connection structure according to claim 17, wherein:

a distal end of at least one of said plurality of leads comprises a protruding section integral to said at least one of said plurality of leads;

when said plurality of leads pass through said through holes, said protruding section is arranged on a side of said substrate opposite to said base section, and mechanically fixes said substrate between said protruding section and said base section, so that no solder is required to connect said at least one of said plurality of leads to said ground.

19. (New) The ground connection structure according to claim 15, wherein:

said ground is arranged on a side of said internal substrate adjacent to said compensating member; and

A1 at least one of said plurality of leads comprises a tip part that extends generally orthogonally from said at least one of said plurality of leads to provide said electrical connection between said at least one of said plurality of leads and said ground.